

RUBRIC FOR RUBE GOLDBERG DEVICE

Period

Demonstrator(s):

PLANNING AND EXECUTION					
A: Planning	The Design was submitted on-time.	The Design included all six simple machines.	The Progress Report was submitted on-time.	The Progress Report described any changes to the original design.	The Progress Report included a "to-do" list of unfinished tasks.
B: Completion	Project was delivered to school on-time.	Project required no more than five minutes of final preparation prior to demonstration.	Project was made entirely of "junk-drawer" parts.	Project was no larger than 55 cm x 55 cm x 55 cm.	Project accomplished its goal on the first or second attempt.
C: Interest	Project included a novel use of a common item.	Project include decorative touches.	Project operated in a manner that created suspense.	Project incorporated a design that used all three dimensions.	Project incorporated at least one unique element.
D: Reflection	Five points are awarded for a written review of the project after it has been demonstrated in class (details on this assignment to follow).				
				Planning Score:	0

DESIGN AND SCIENTIFIC UNDERSTANDING					
E: Lever	This simple machine was included in the Device.	This simple machine filled a purpose which was explained by the demonstrators.	The Input Distance of this simple machine was measured and correctly labeled.	The Output Distance of this simple machine was measured and correctly labeled.	The Mechanical Advantage of this simple machine was correctly calculated.
F: Wheel/Axle					
G: Wedge					
H: Screw					
I: Pulley					
J: Gears					
				Design Score:	0
				Total Score:	0